

FIG. 1

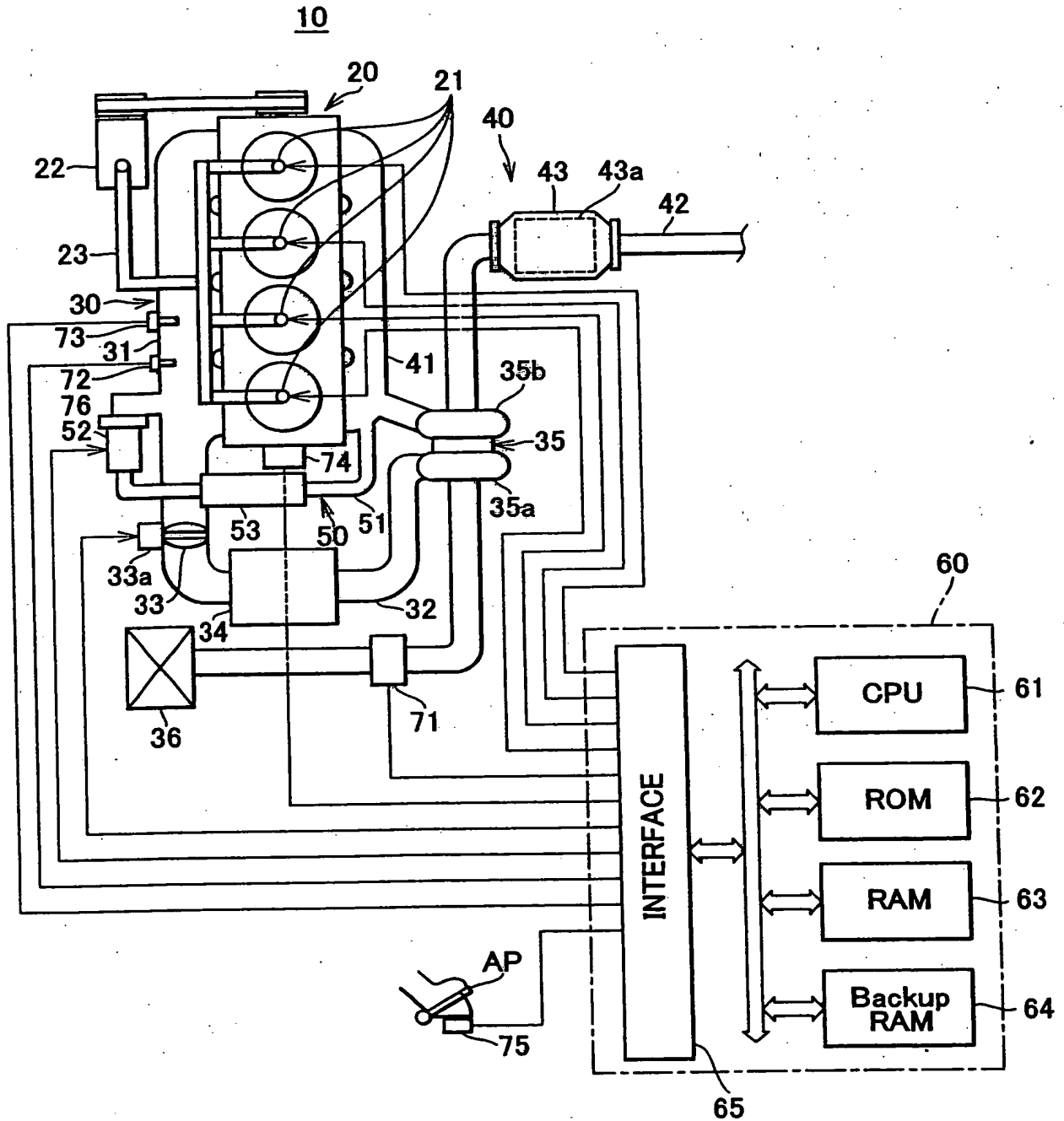
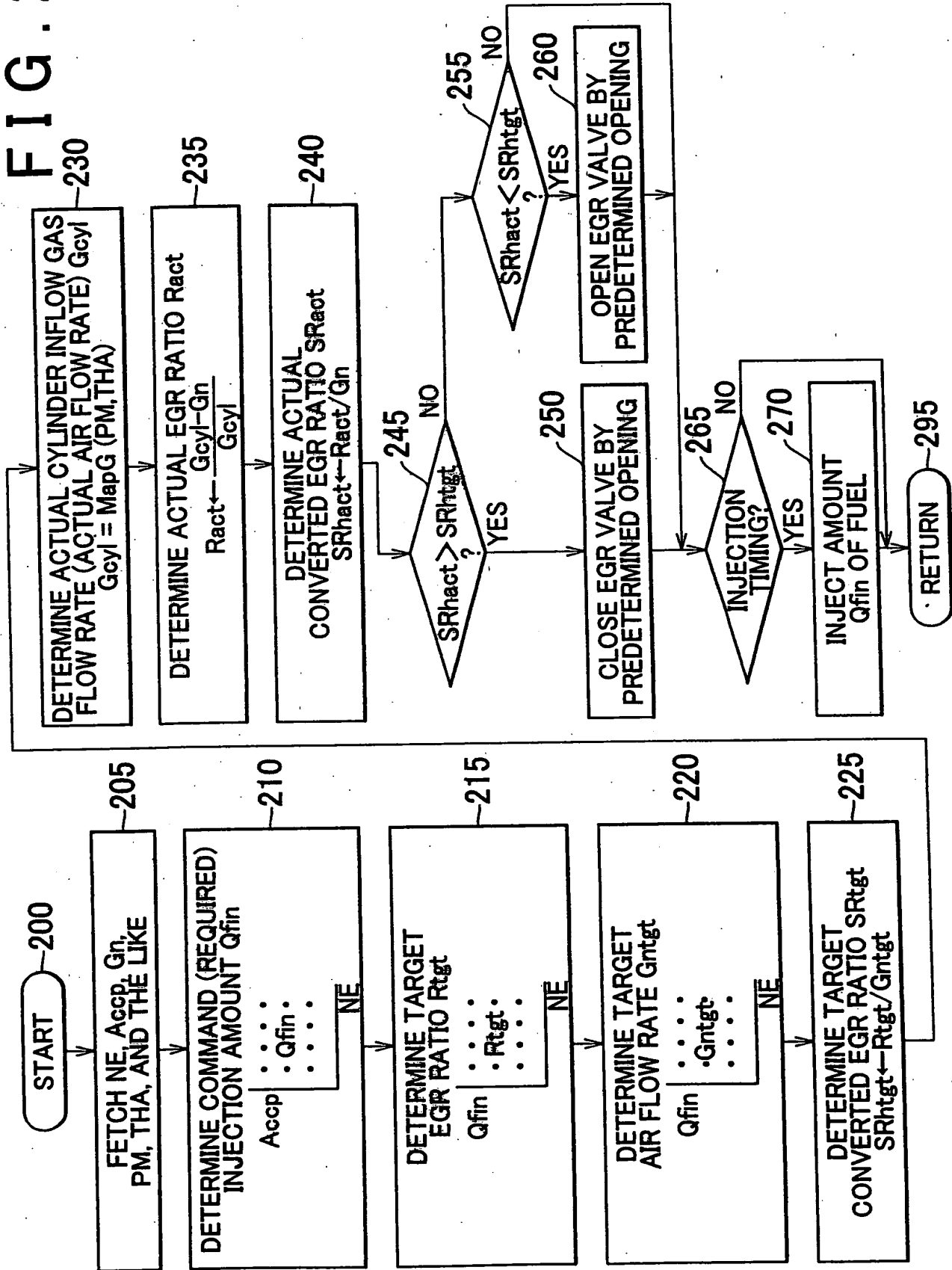


FIG. 2



START — 300



FIG. 4

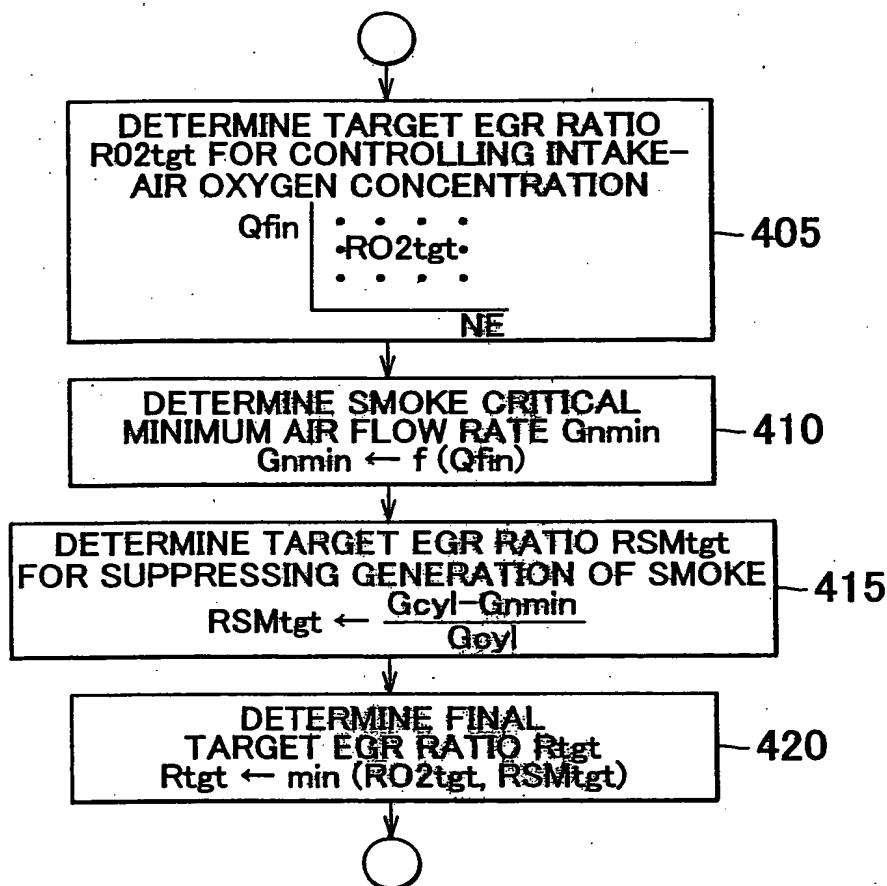
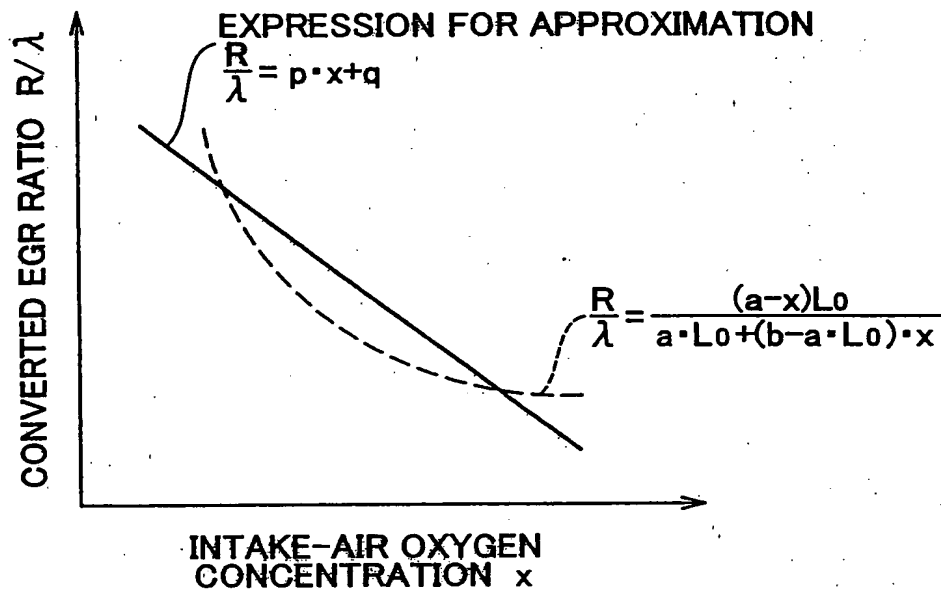
SUBSTITUTE FOR STEPS 215 AND 315

FIG. 5



- R ... EGR RATIO
 λ ... AIR EXCESSIVENESS RATIO
 R/λ ... CONVERTED EGR RATIO
 x ... INTAKE-AIR OXYGEN CONCENTRATION
 L_0 ... THEORETICAL AIR AMOUNT PER UNIT FUEL AMOUNT (Nm^3/kg)
 a ... OXYGEN CONCENTRATION IN ATMOSPHERE
 b ... PRODUCTION AMOUNT OF CO_2 AND H_2O PER UNIT FUEL AMOUNT (Nm^3/kg)
 p, q ... CONSTANTS